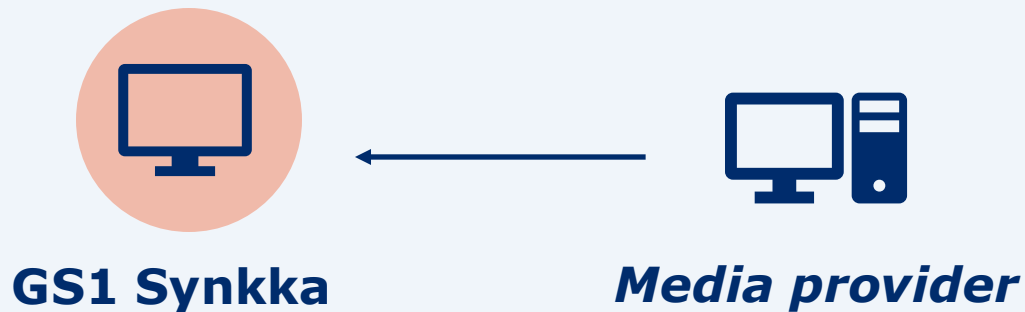# Current State: Media Asset Maintenance via JSON Interface

JSON MEDIA API (HTTPS)
- Only media in JSON format

GS1 Synkka   ←   ***Media provider***

Operating principle

- The interface only allows maintenance of product media assets separately from other product information.

Challenge

- Separate from product information for historic reasons
- Attributes are not consistent with other product data
- No search functionality
- Loose relation between media asset and product; difficult to determine which media assets are related to a product

New HTTPS-based JSON Interface

HTTPS JSON API

- JSON API that enables maintenance of all product information, including media
- First phase: media related functions

Benefits

- Attributes consistent with other product data
- In the future, enables maintenance of other product information
- Easier maintenance

Solution proposal

Separate Media API will be removed. In the future, media assets will be maintained as part of product information.

Authentication with API key, no separate login

/api/sdp/
- Attributes consistent with other product data
- Product information retrieval and download by product, including media data
- Update desired attributes for a product, initially only media items

Changes in Media Maintenance

Old Media API

File-based

1. Send new media file

2. Maintain GTIN code and other required information for the file

3. Link media file to a published product

   o   If the published product is not found, an error occurs

It is difficult to identify root causes for errors and to retrieve other media assets for the product

New Product API

Product-based

1. Retrieve product by GTIN code

   o   All product information and related media assets are returned for the retrieved product

   o   Add media asset with additional information to the found product